

## SWCC Criteria for Technical Specialists Designation

Category	Role	Experience / Education / Other Requirements	Training Requirements
Collection, Storage, and/or Treatment (SD-Design, SI-Inspection)	Design and/or Installation Inspection of lagoons, storage ponds, dry stacks, storage structures, composters, pushoff ramps, curbing, settling basins and other similar structures.	1) NRCS job approval authority; or 2) Professional Engineer license	n/a
Runoff Controls (RC)	Development and implementation of filter strips, grass channels, and related nonstructural BMPs used to reduce runoff from exterior lots (primarily dairy operations)	1) Agency* designation of staff; or 2) Experience in design & implementation of nonstructural BMPs; or 3) Professional Engineer license.	n/a
Irrigation Equipment (I)	Design and installation of irrigation systems to include pipe size, pump horsepower, nozzle size, system layout, thrust blocks, etc. and operation plan to meet criteria of Waste Utilization Plan (hours per set, etc.).	1) Design Certification by National Irrigation Association; or 2) Professional Engineer license; or 3) Agency* designation of staff	n/a
Wettable Acres (/WA)	Determine wettable acres in accordance with Certified Animal Waste Management Plan	1) 1 or WUP Designation, or 2) Agency* designation of staff	Attend CES Wettable Acres Training Course
Waste Utilization Plan (WUP)	1) Develop .0200 waste management plans 2) Certify other items associated with animal waste, i.e. lagoon volumes.	Professional Engineer licensed before April 1, 2003.	1) PLAT Course 2) Conservation Planning with RUSLE
		Professional Engineer licensed after April 1, 2003.	1) Nutrient Management by CES (or NRCS**) 2) NC Nutrient Management Software 3) PLAT Course 4) Conservation Planning with RUSLE
Waste Utilization Plan / Nutrient Management (WUP/NM)	1) Develop .0200 animal waste plans 2) Certify other items associated with animal waste, i.e. lagoon closures 3) Approve river basin nutrient management plans 4) Certify the Land Application component of a USDA Comprehensive Nutrient Management Plan	1) Previous WUP designation; or 2) 3 years of nutrient management planning for animal waste; or 3) 4 year degree in agronomy or related field; or 4) a combination of education and experience totaling 4 years; or 5) Agency* designation of staff	New Applicants: 1) Nutrient Management by CES (or NRCS**) 2) NC Nutrient Management Software  All: Upon adoption of a revised nutrient management standard 1) PLAT Course 2) Conservation Planning with RUSLE
Water Management (WM)	Design and installation approval of subsurface water management systems	1) NRCS job approval authority; or 2) PE license	n/a

- \*Includes NRCS, SWCD staff under NRCS, CES, DSWC, and NCDA&CS
- \*\* Only offered when NCSU Course is unavailable